

FIG. 1

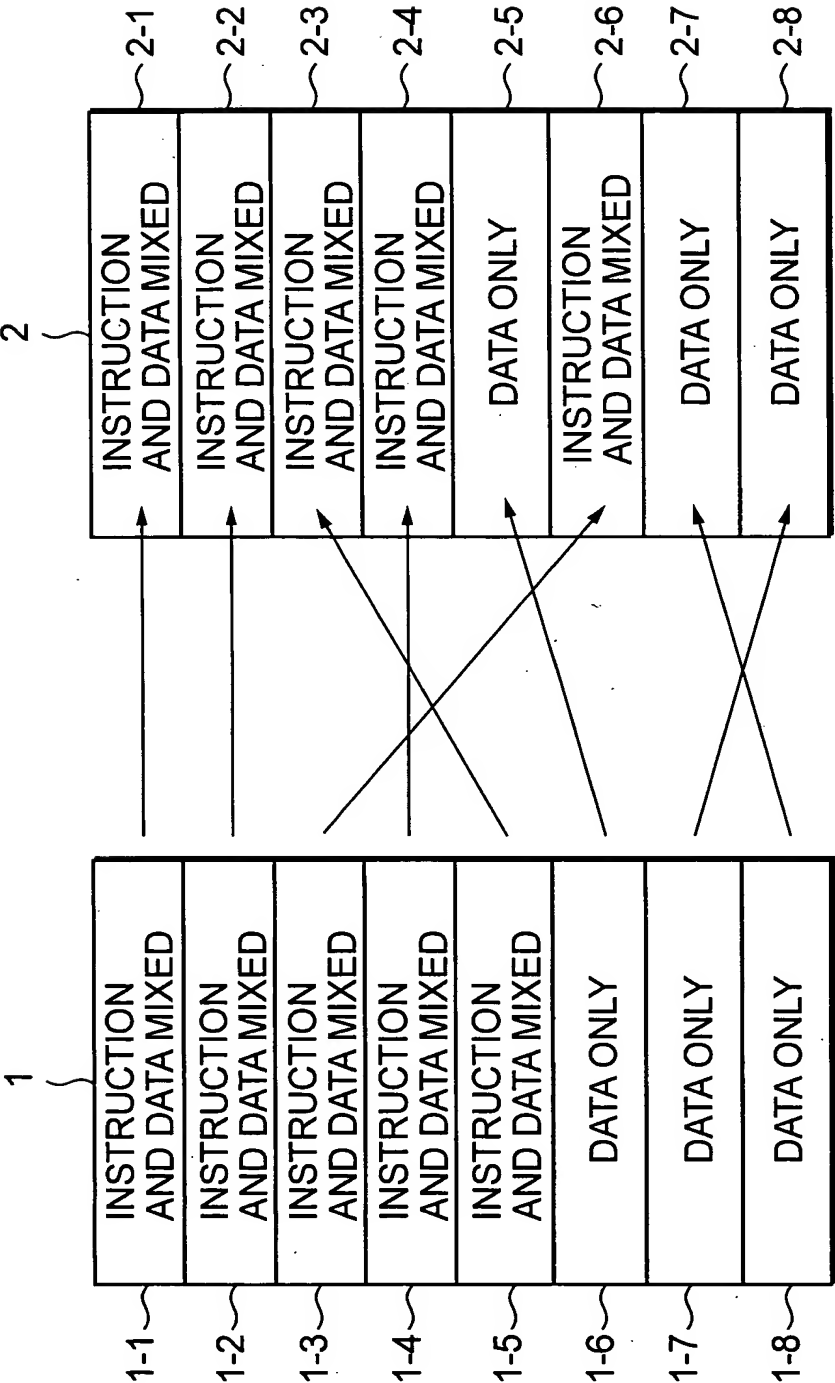
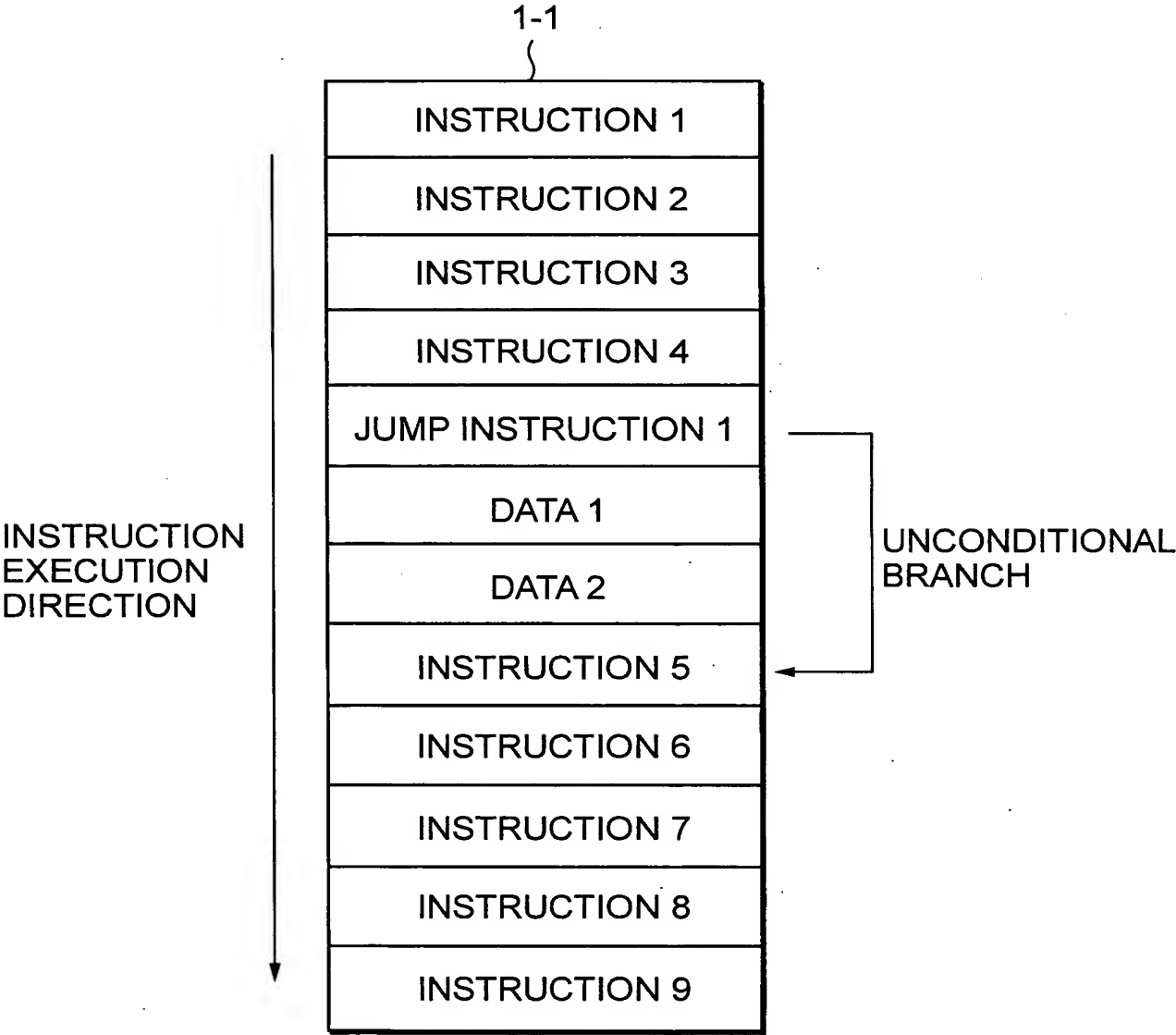


FIG. 2



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FIG. 3

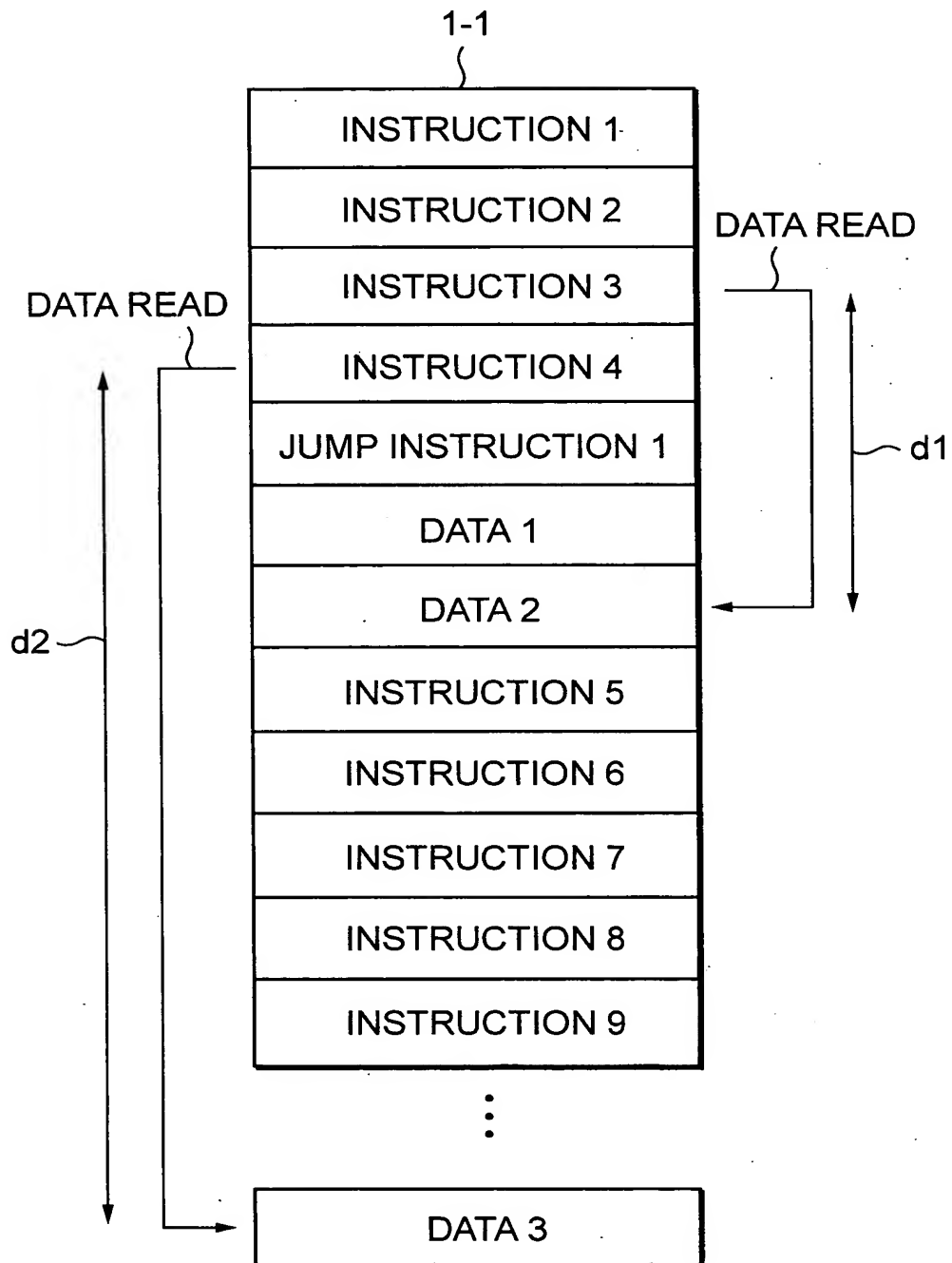
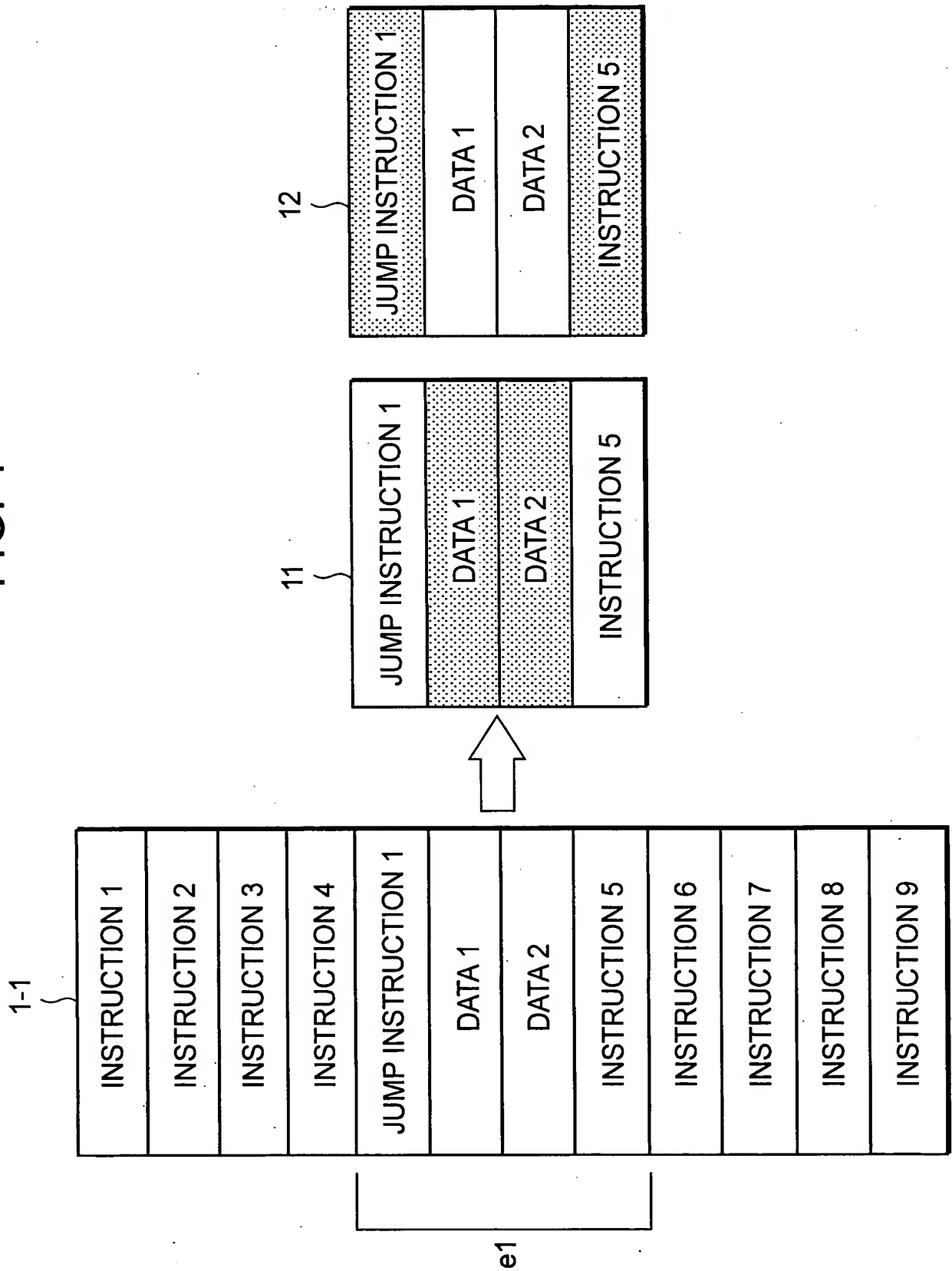


FIG. 4



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FIG. 5

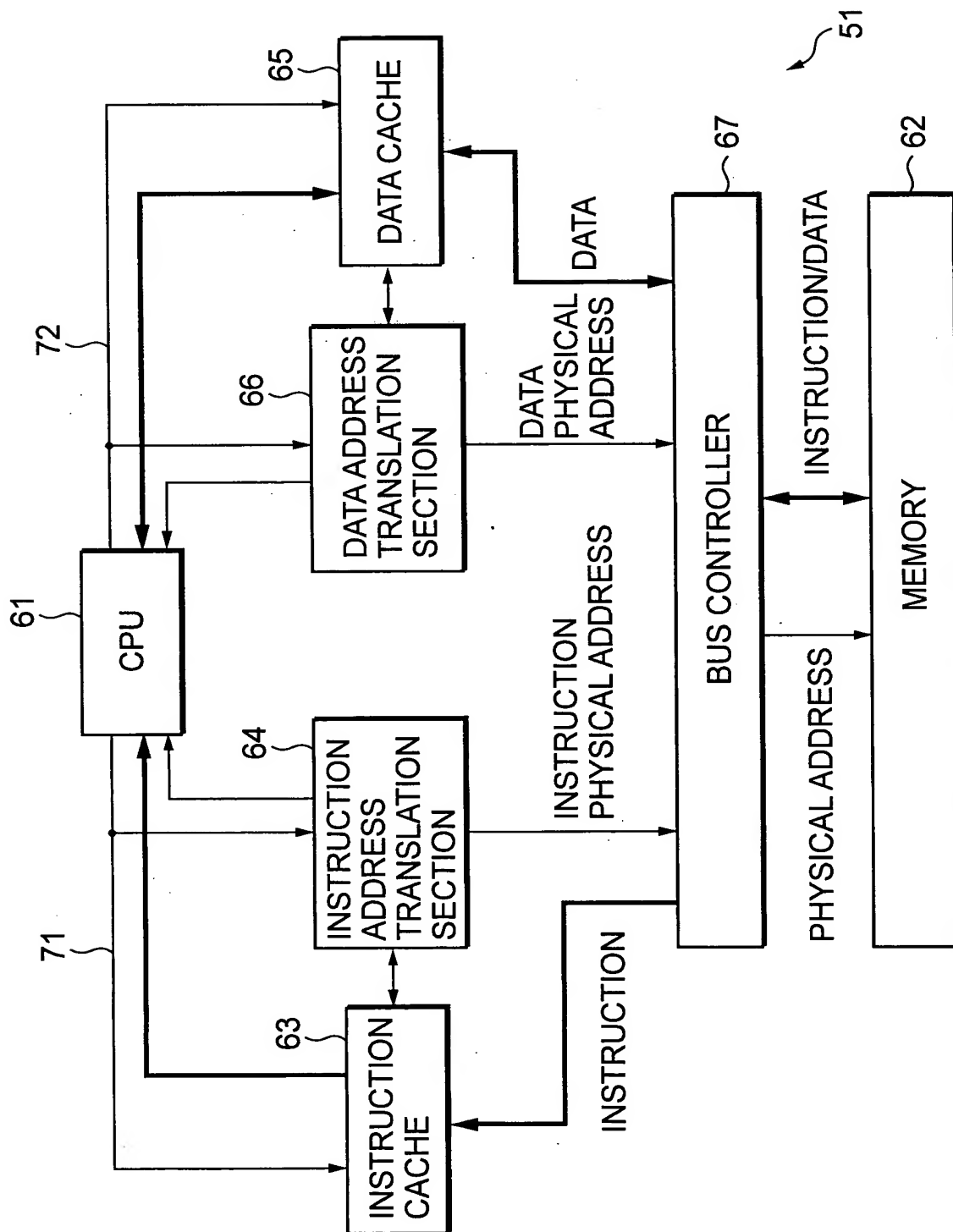


FIG. 6

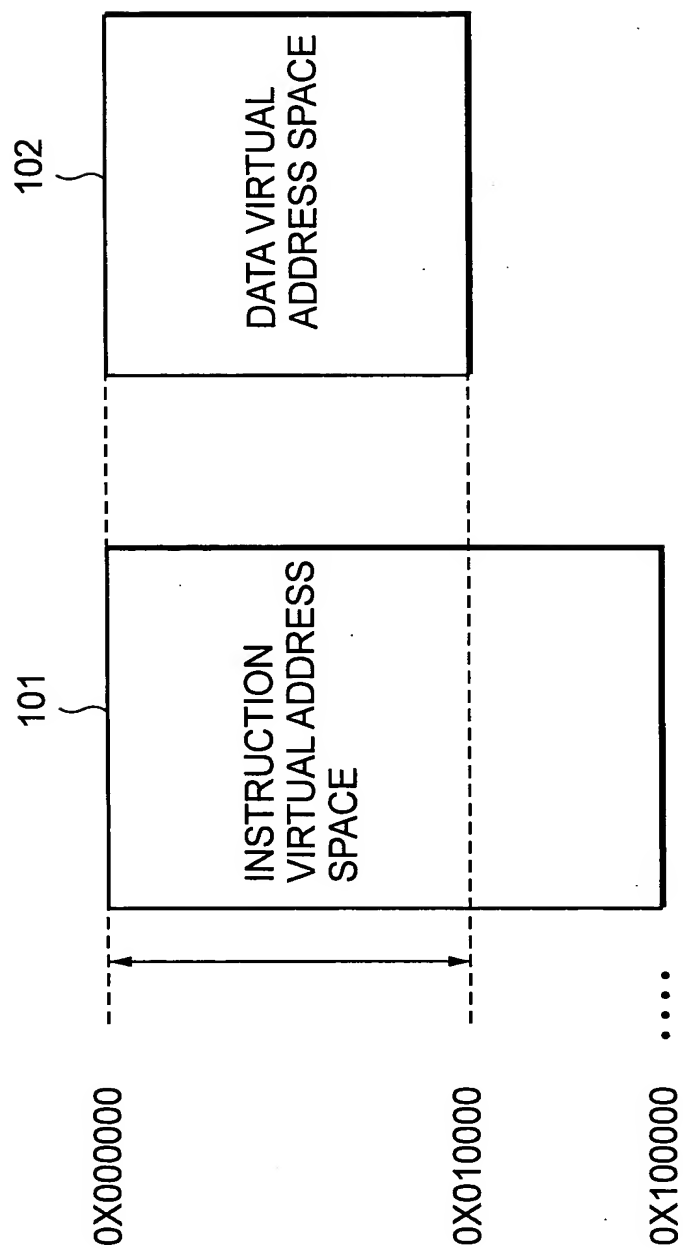


FIG. 7

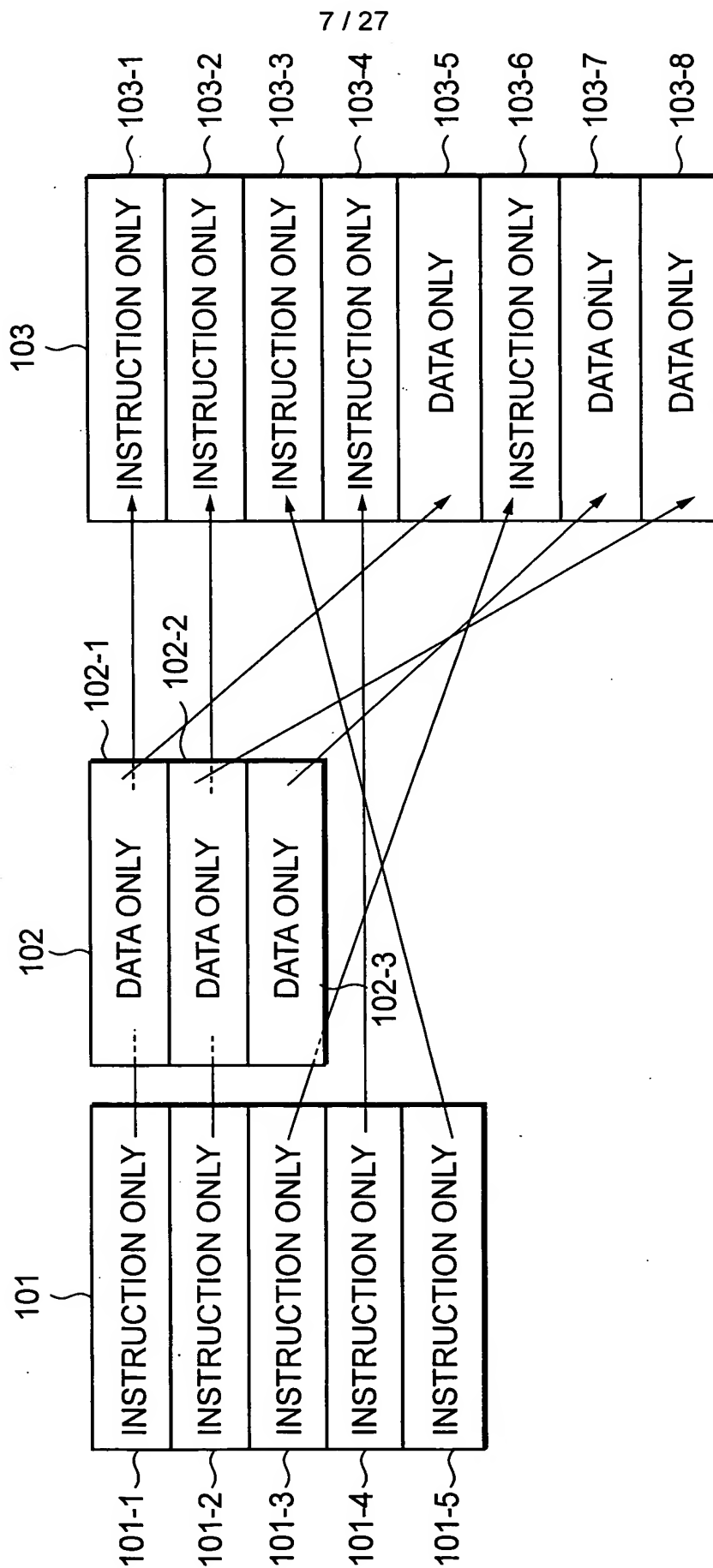


FIG. 8

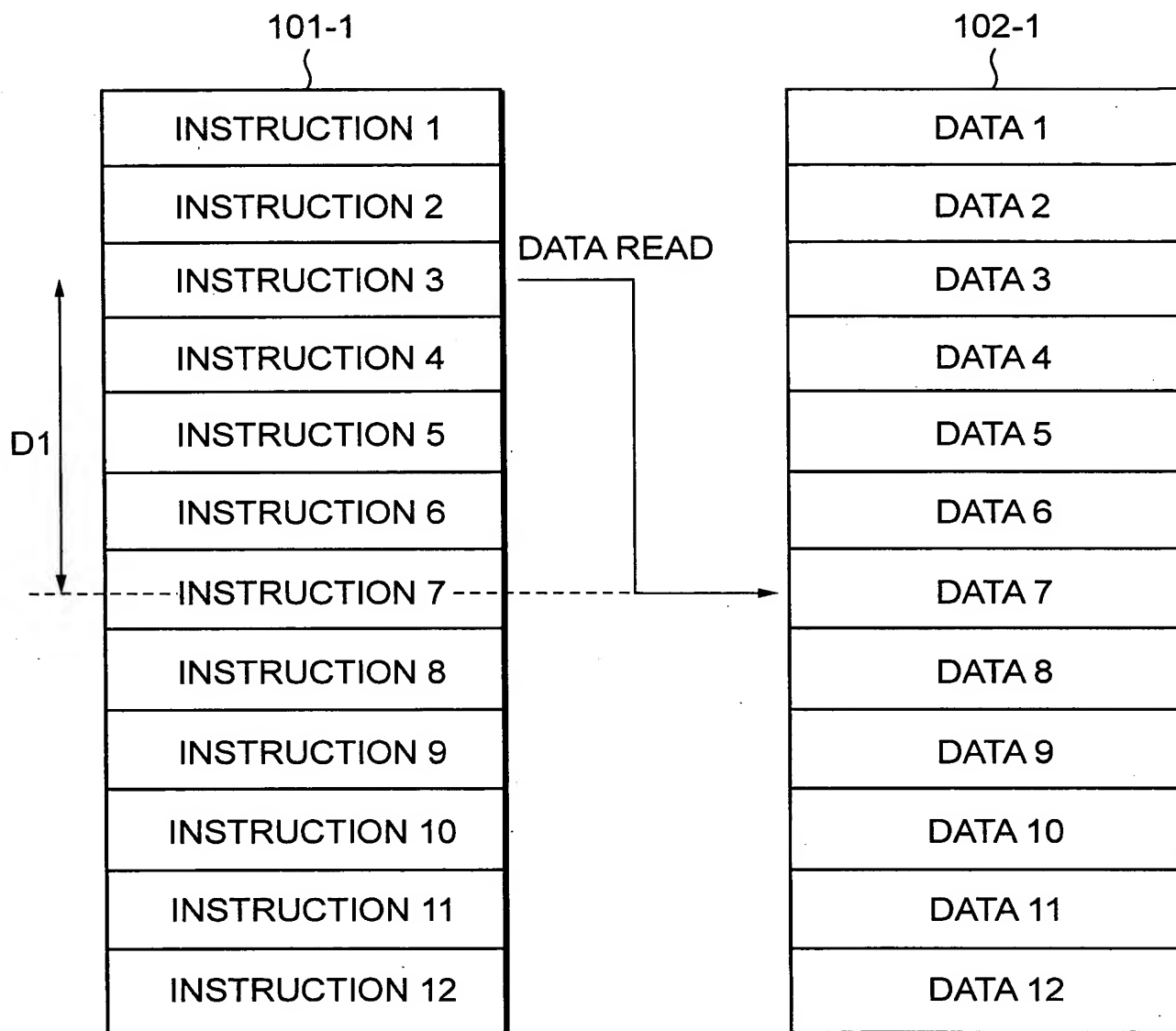


FIG. 9

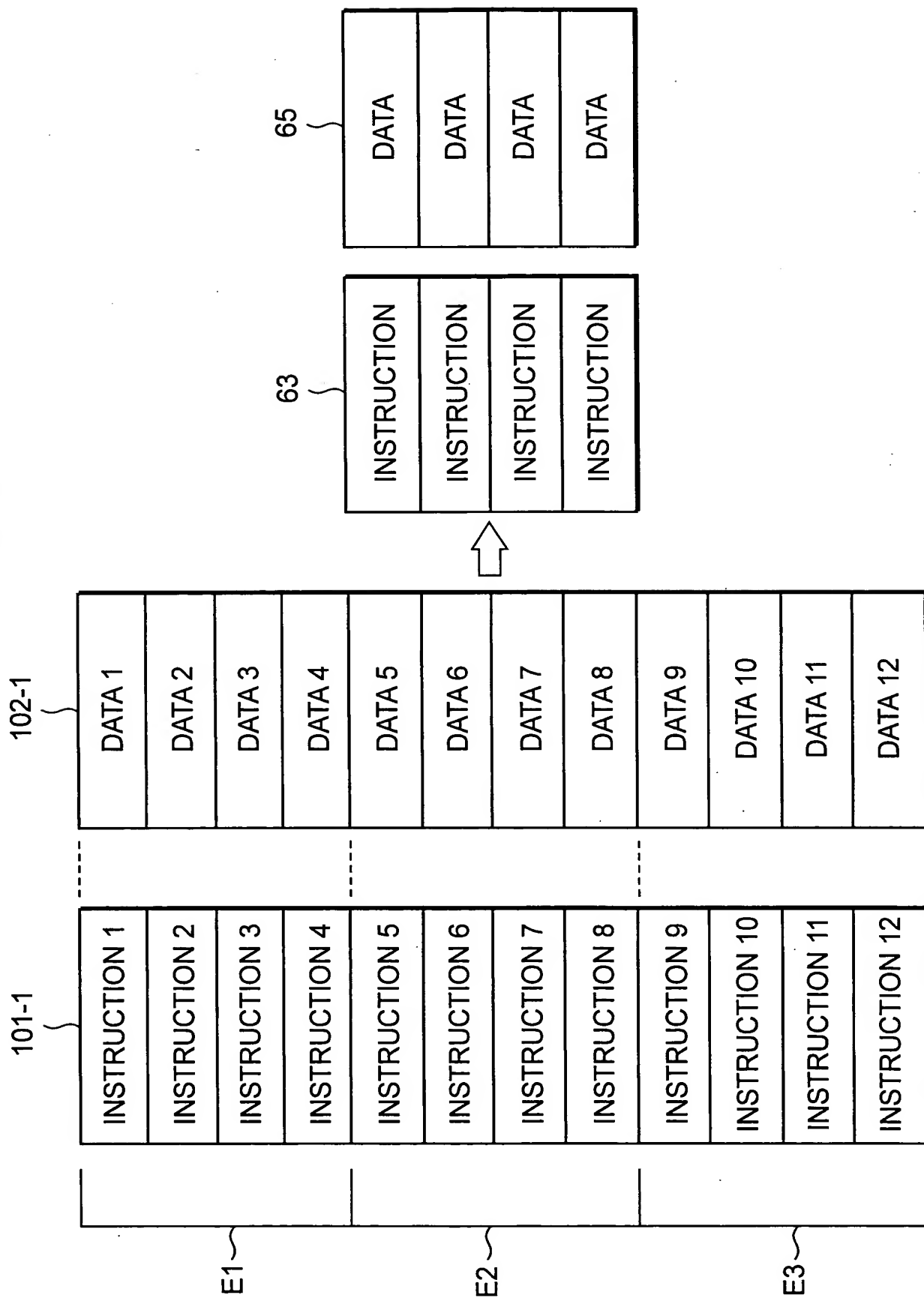


FIG. 10

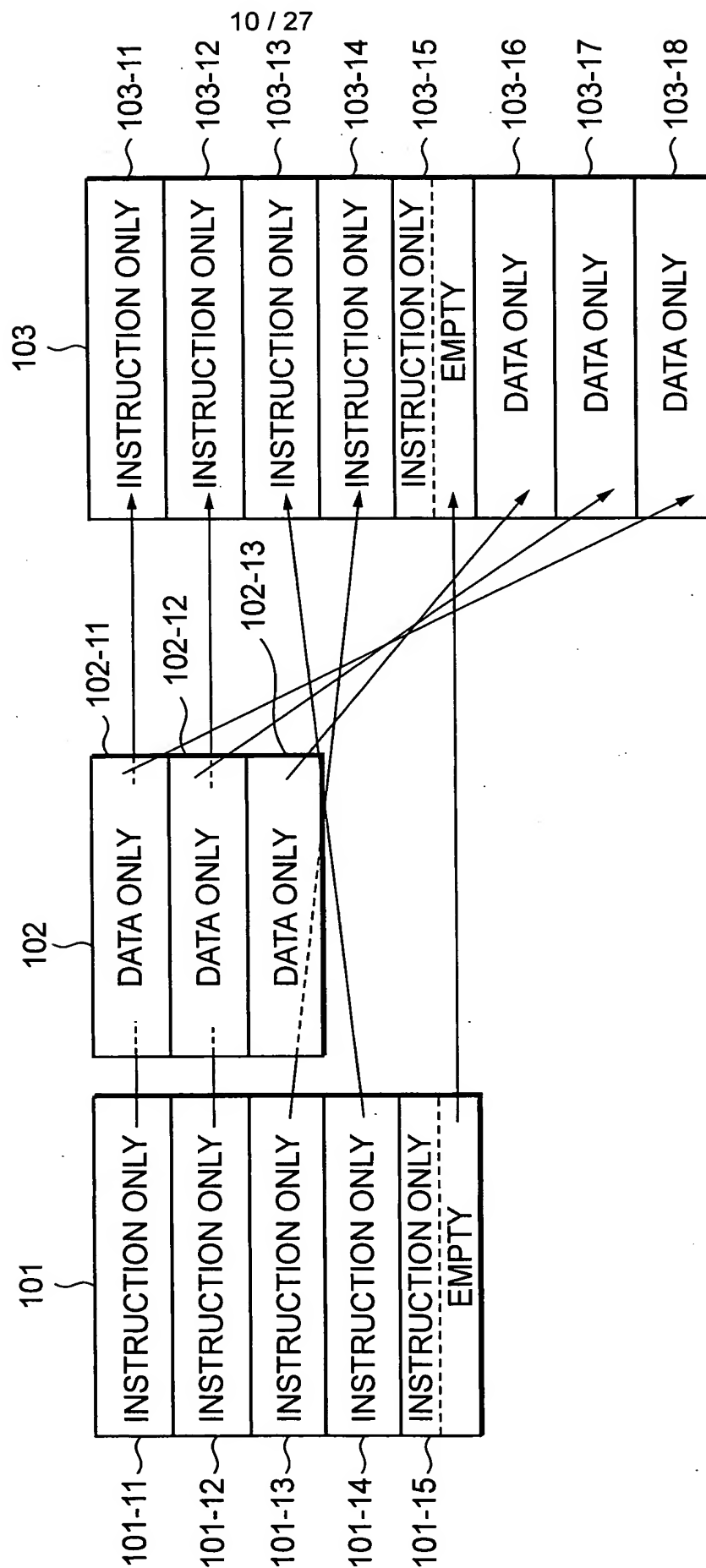


FIG. 11

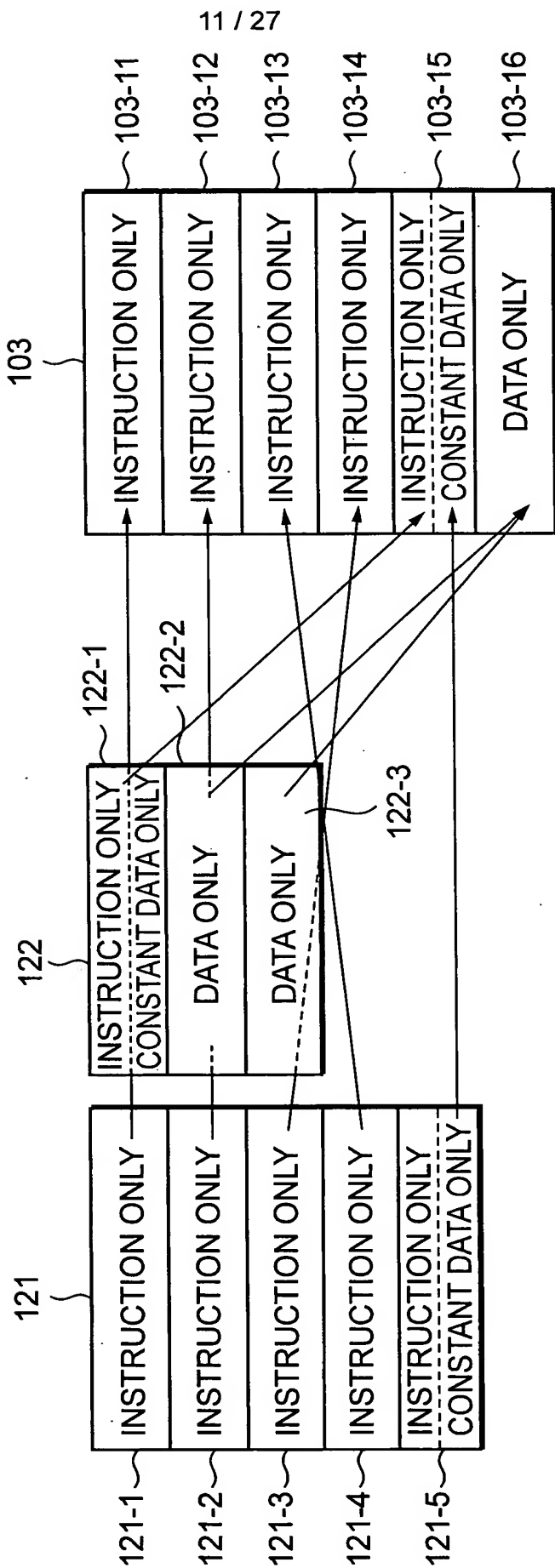


FIG. 12

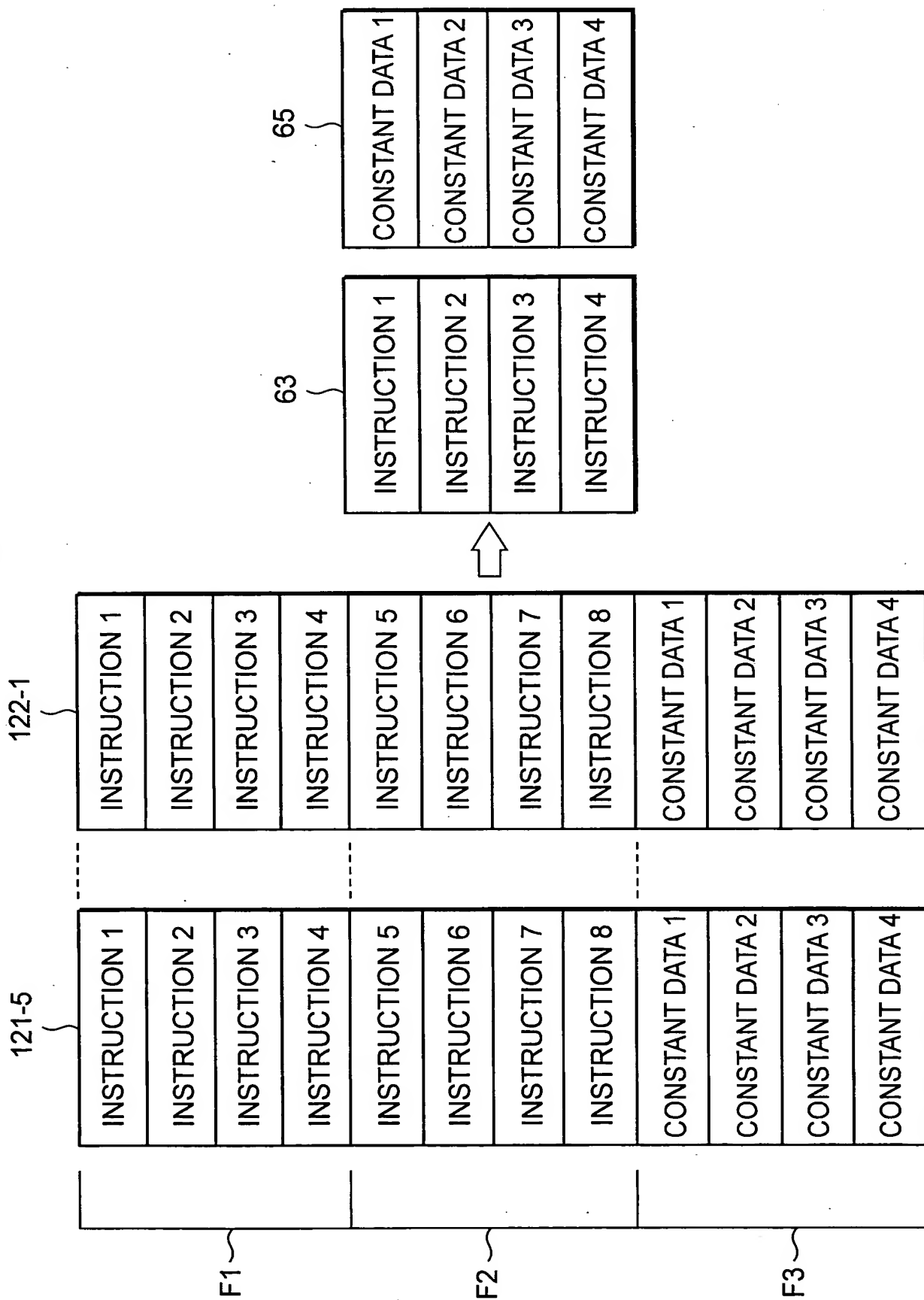
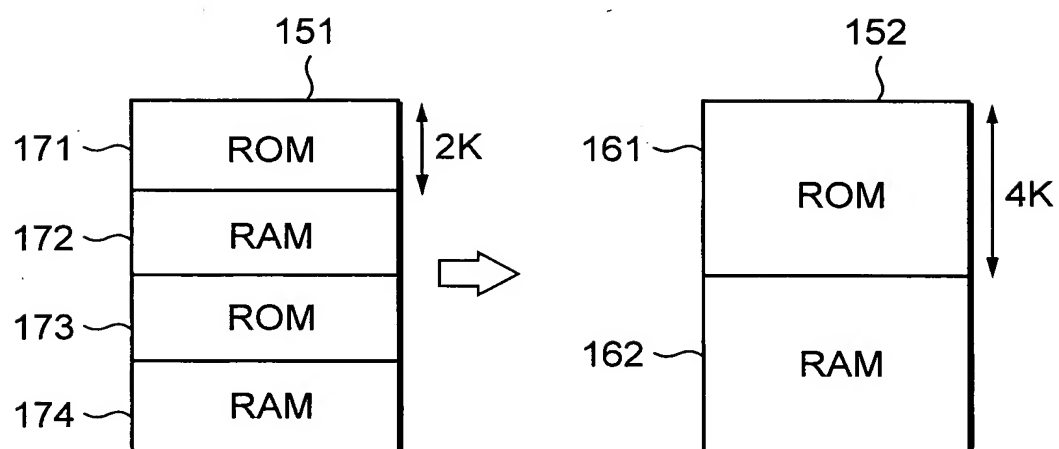


FIG. 13



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FIG. 14

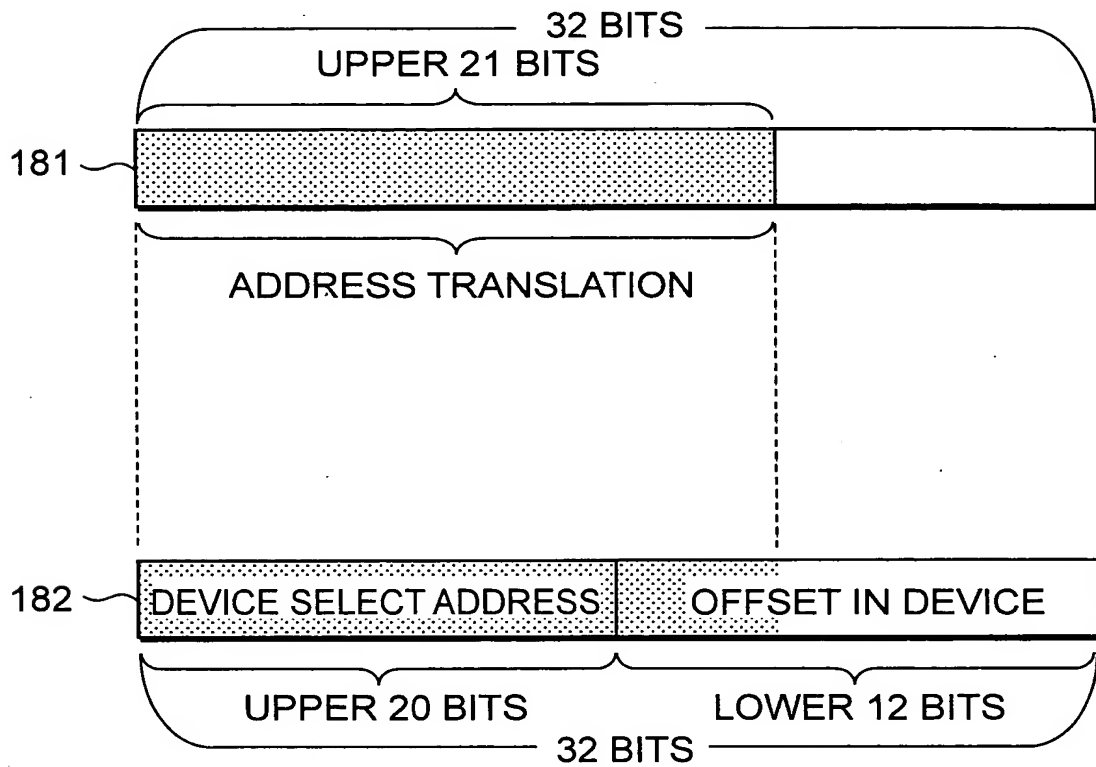


FIG. 15

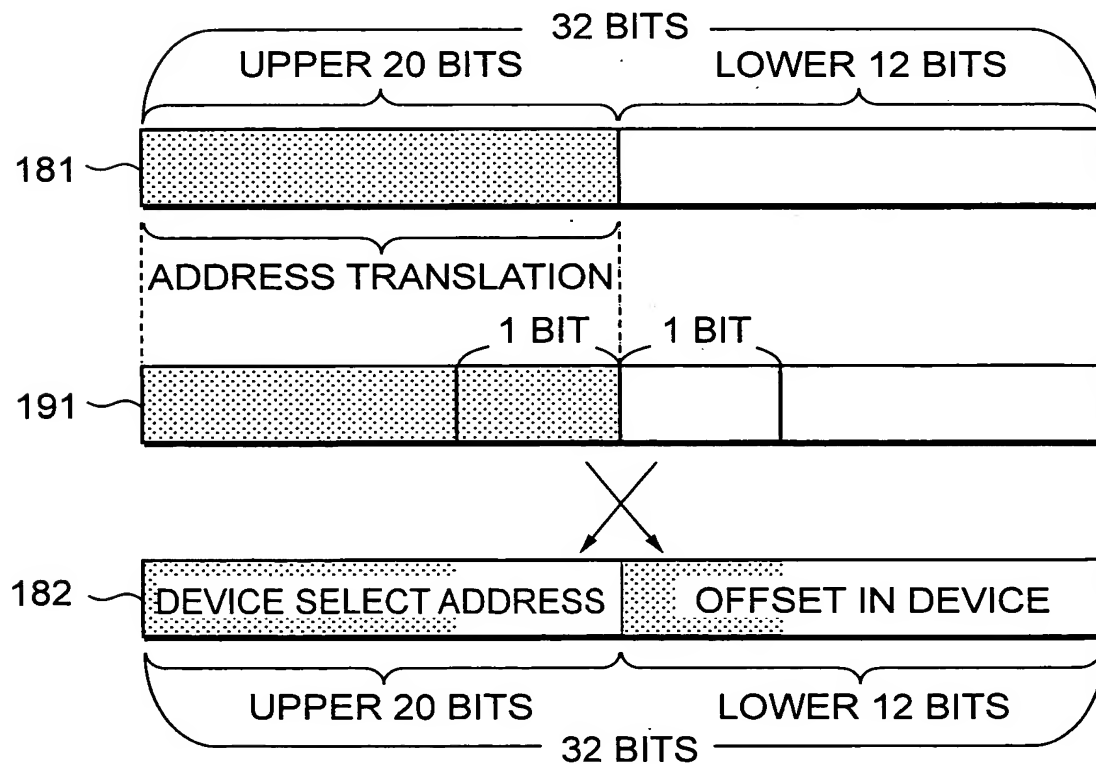


FIG. 16

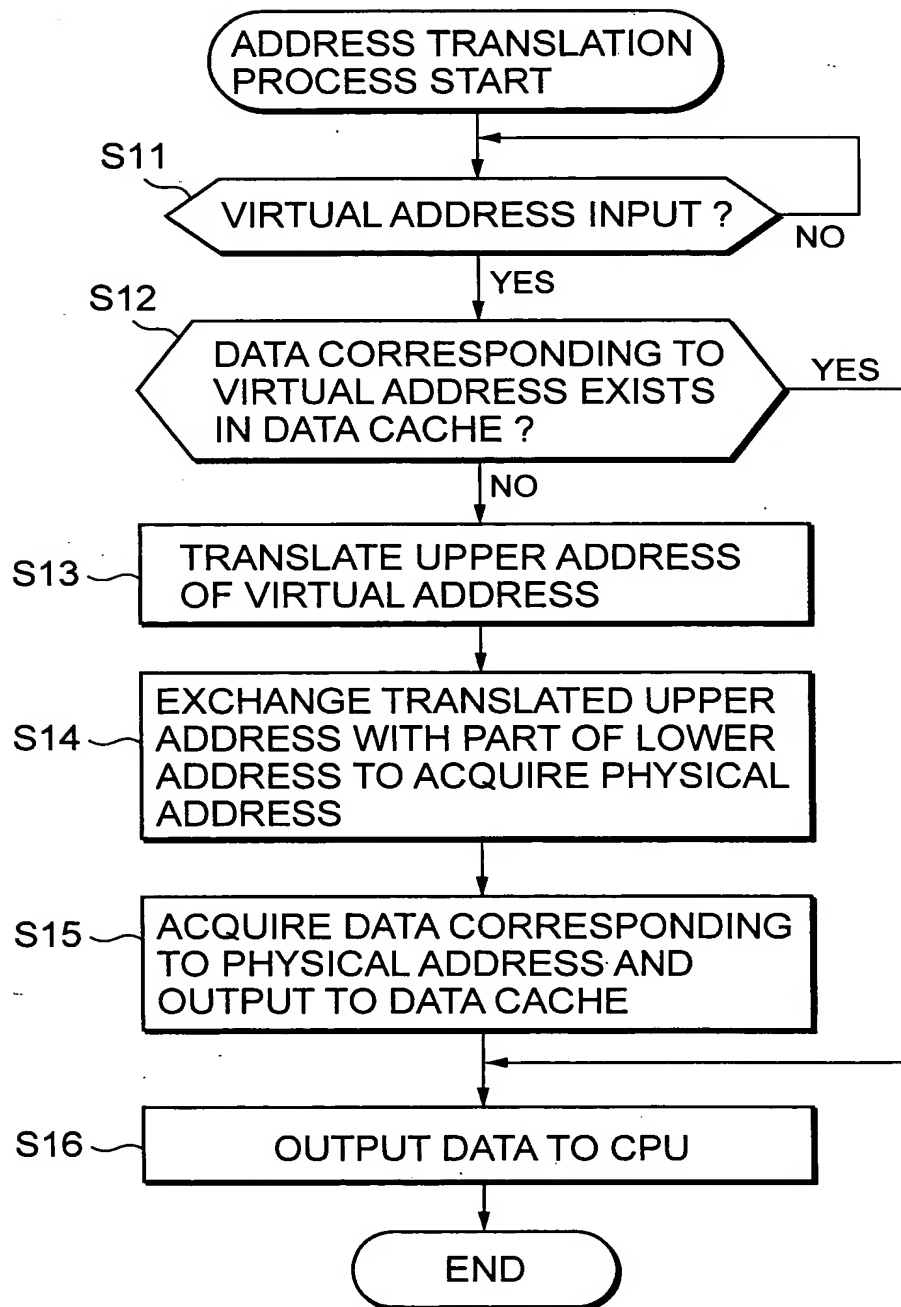


FIG. 17

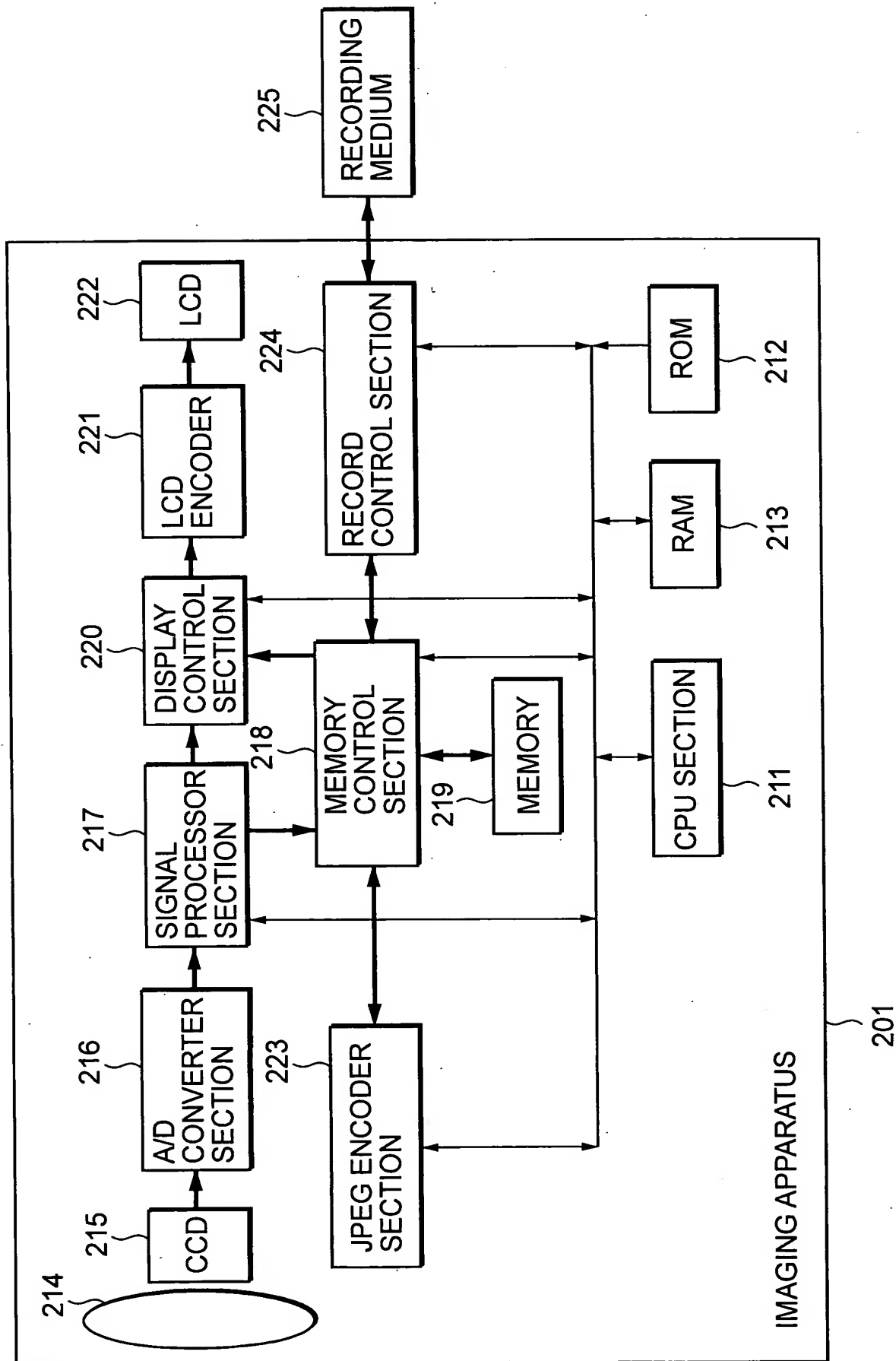
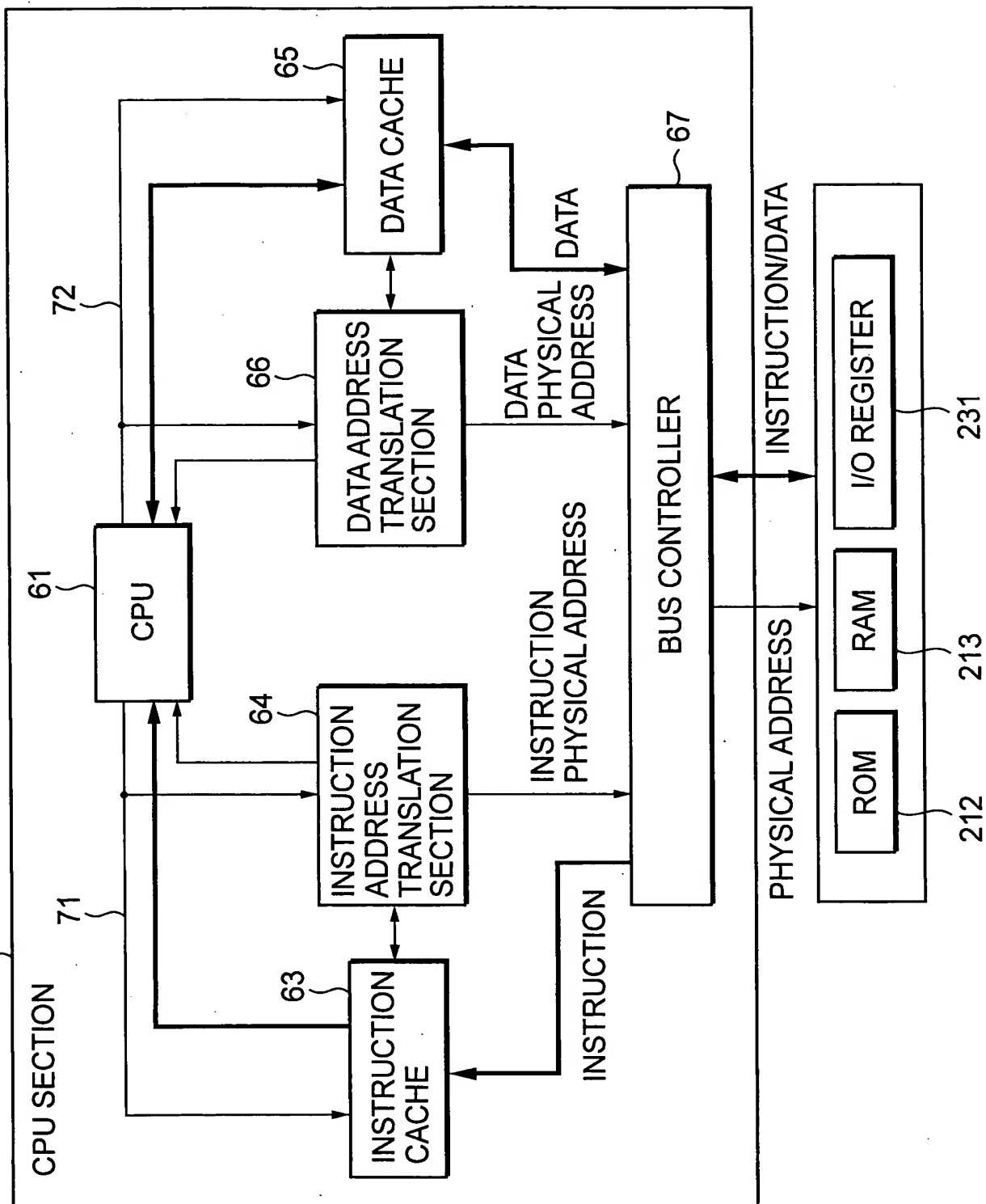


FIG. 18



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FIG. 19

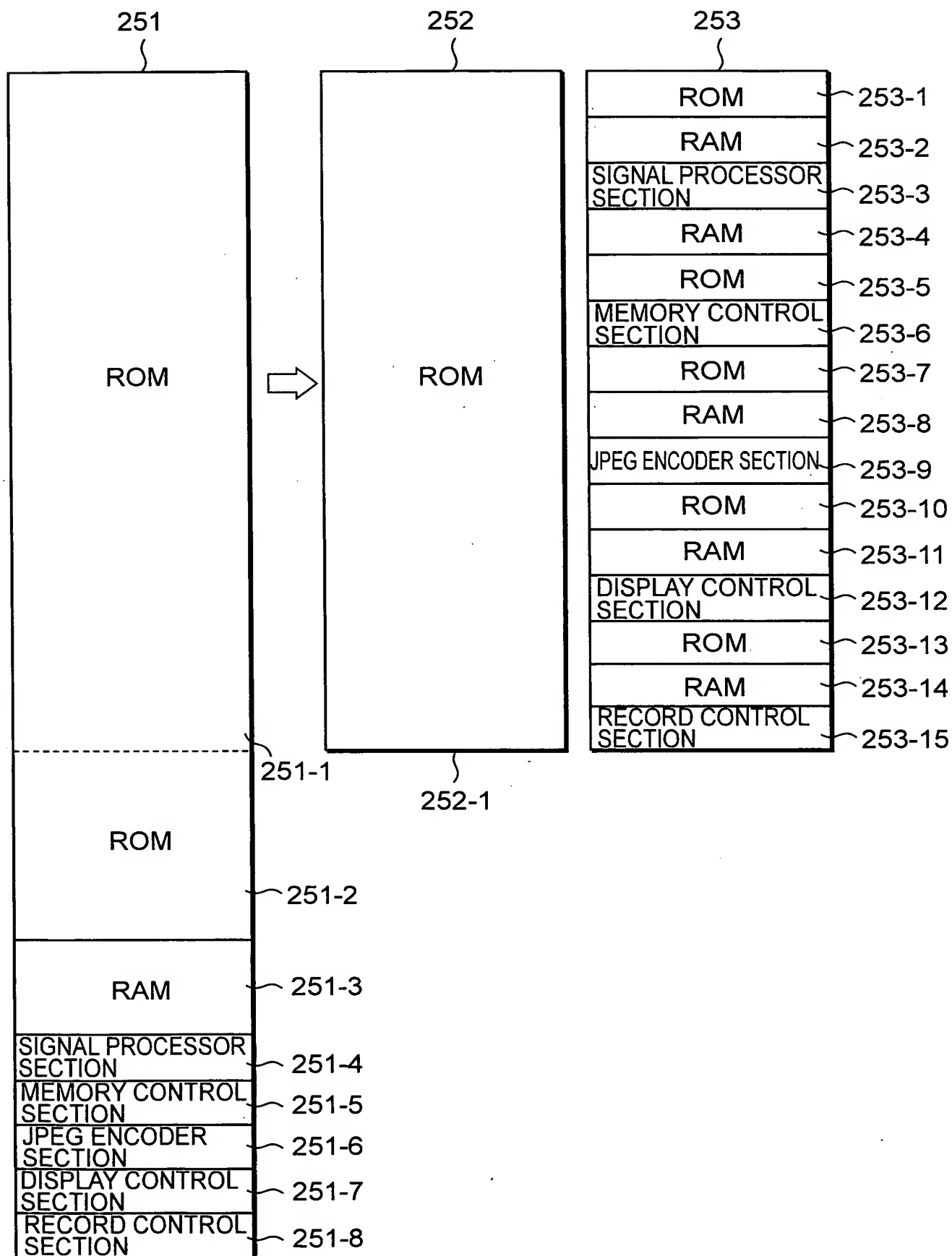


FIG. 20

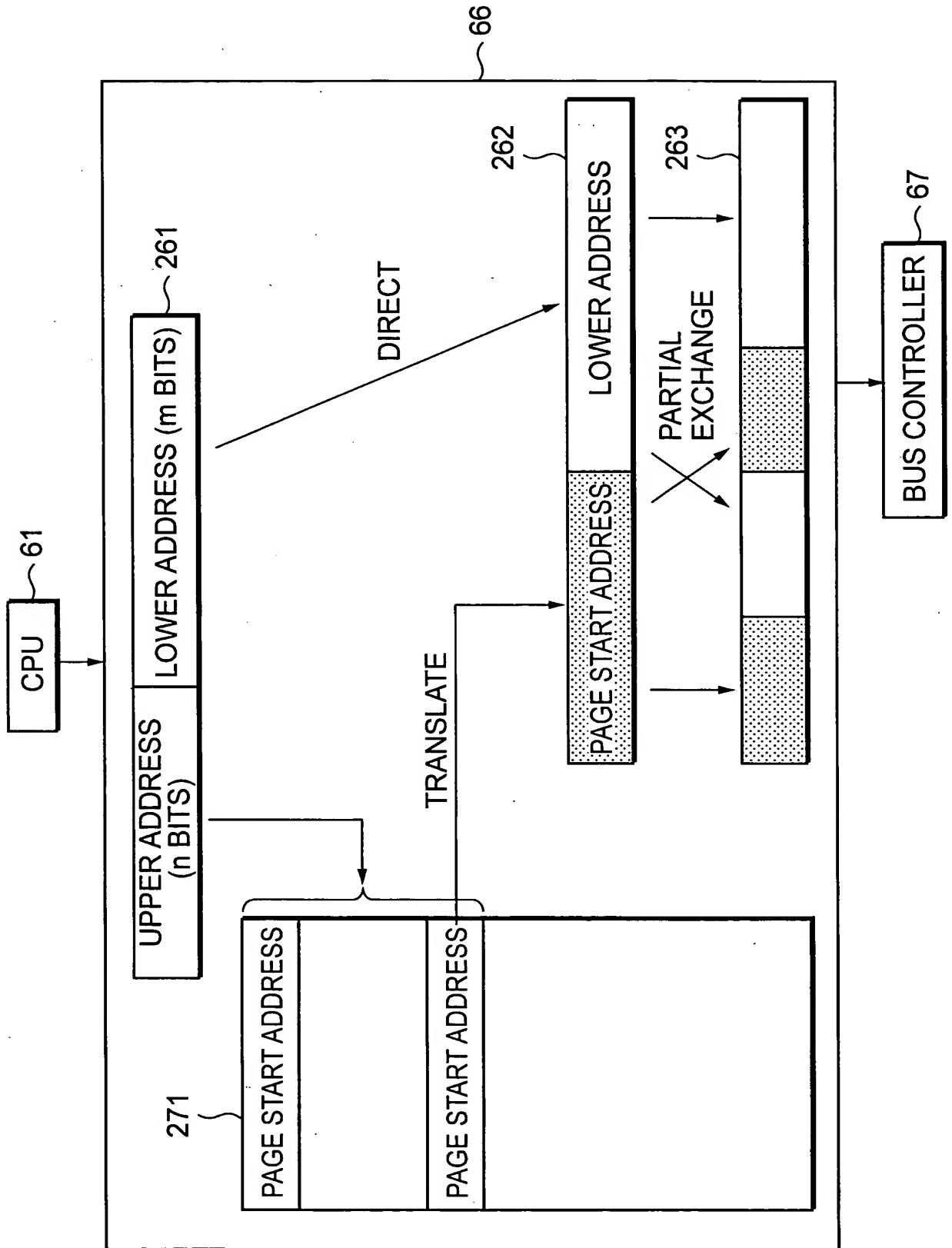


FIG. 21

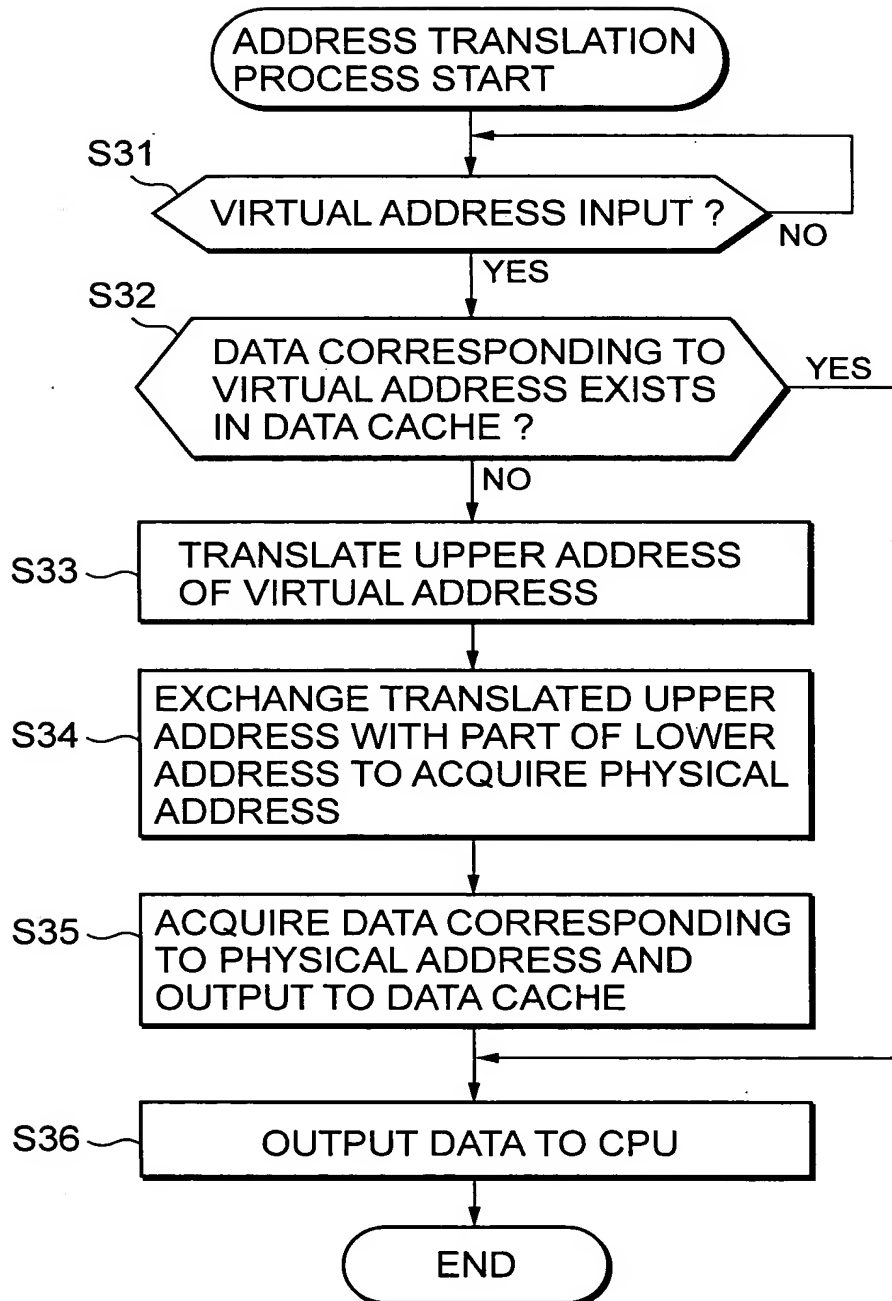


FIG. 22

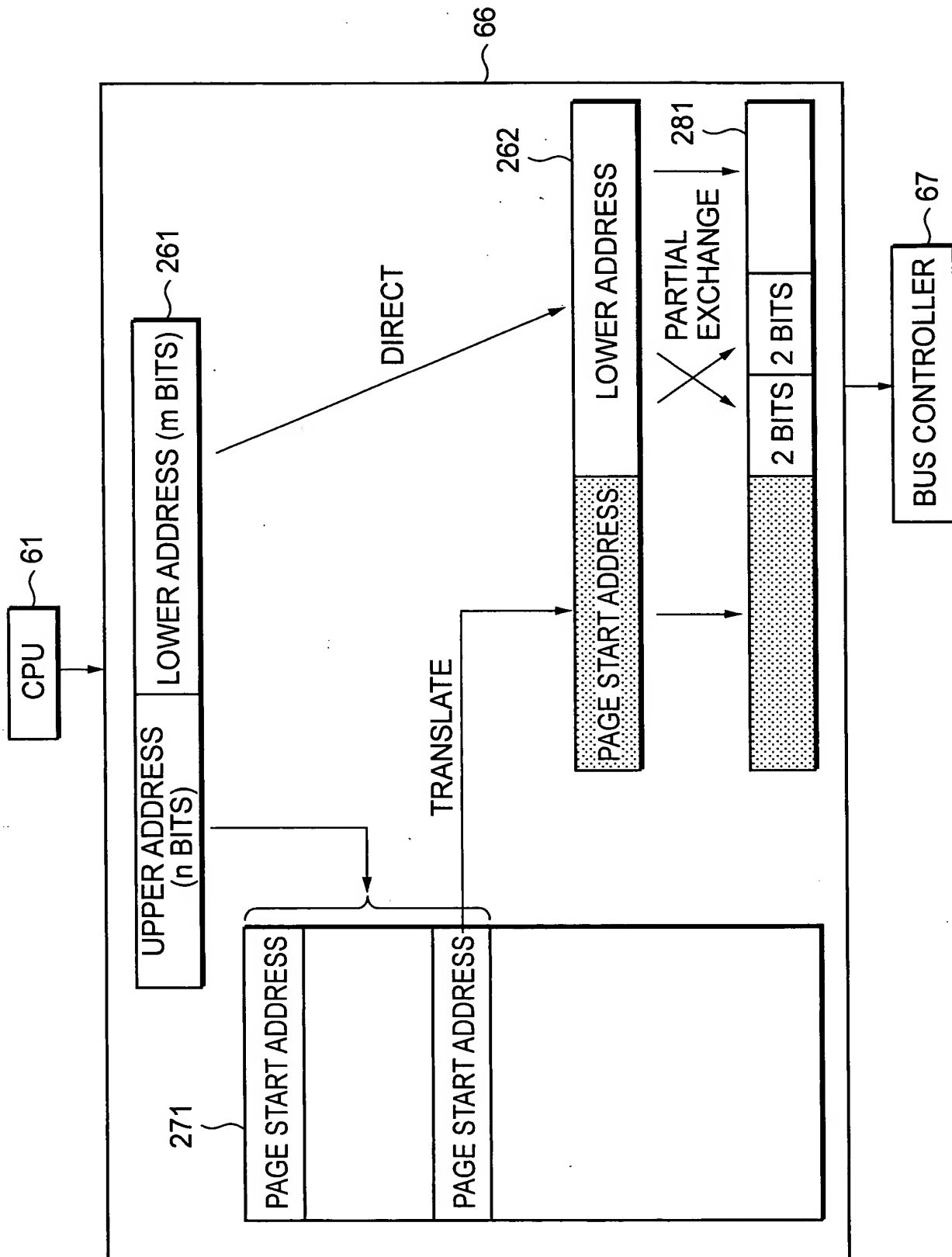


FIG. 23

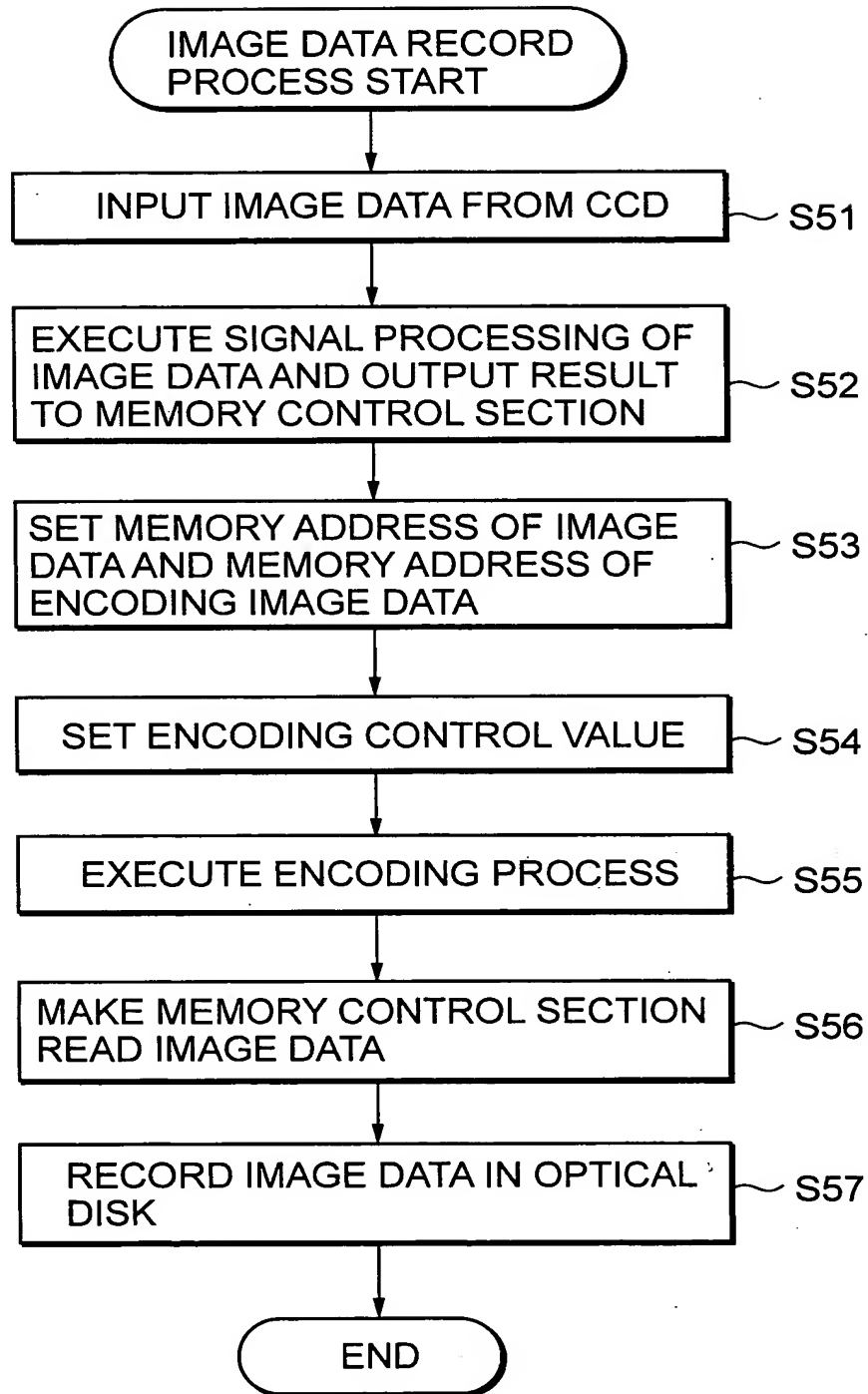


FIG. 24

| INSTRUCTION VIRTUAL ADDRESS SPACE | | |
|-----------------------------------|------------------------|--|
| LABEL | INSTRUCTION | OPERATION CONTENTS |
| | LOAD R0, jpegstart | READ CONSTANT 0x00000100 TO BE WRITTEN IN JPEG START-UP REGISTER |
| | STORE R0, jpegcodecreg | WRITE CONSTANT 0x00000100 IN JPEG START-UP REGISTER jpegcodecreg |
| | LOAD R0, jpegstatusreg | READ JPEG STATUS REGISTER jpegstatusreg (CONFIRM END) |

| DATA VIRTUAL ADDRESS SPACE | | |
|----------------------------|--|---------------------------------|
| LABEL | DATA | CONTENTS |
| jpegstart | 0x00000100 | WRITE IN JPEG START-UP REGISTER |
| jpegcodecreg | VALUE OUTPUT FROM JPEG ENCODER SECTION | JPEG START-UP REGISTER |
| jpegstatusreg | VALUE OUTPUT FROM JPEG ENCODER SECTION | JPEG STATUS REGISTER |

FIG. 25

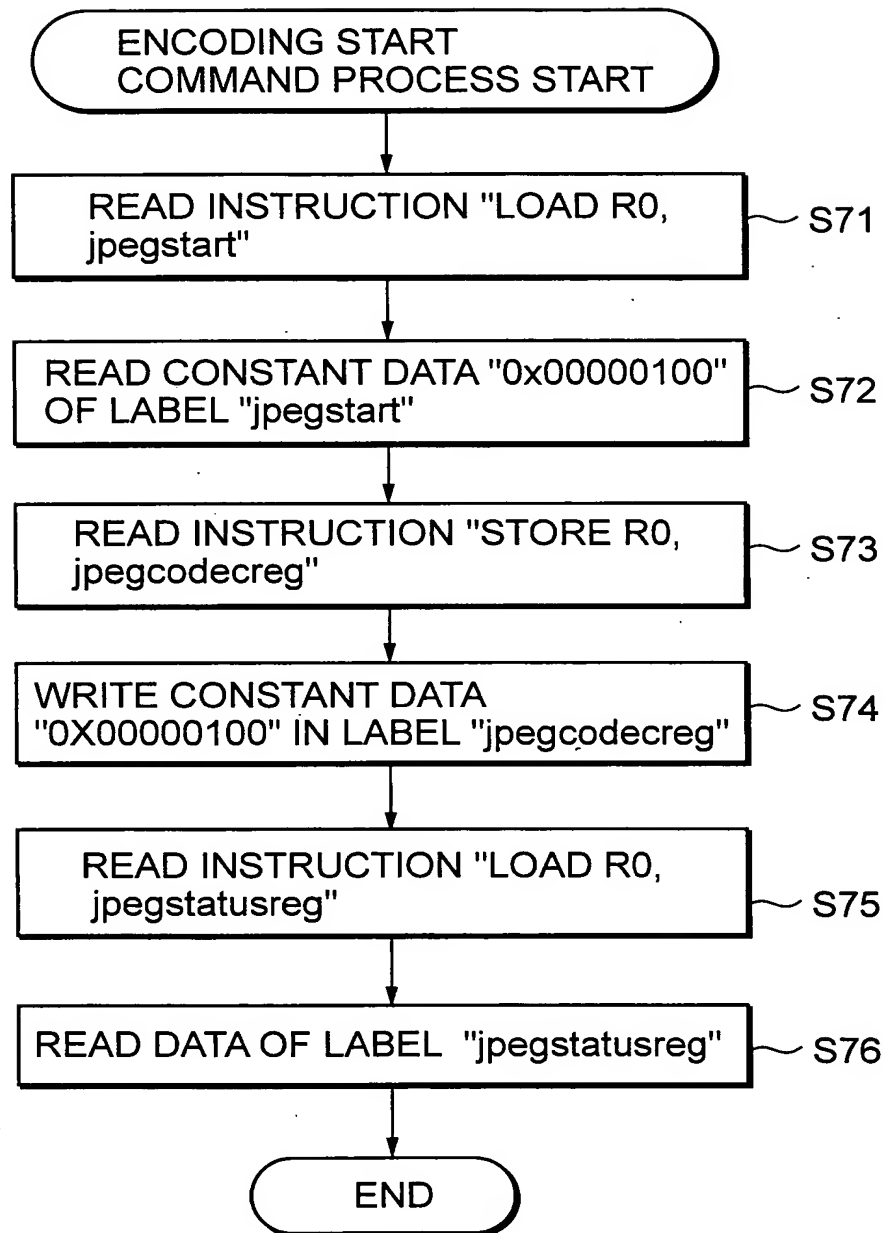


FIG. 26

| VIRTUAL ADDRESS SPACE | | |
|--|---|---|
| LABEL | INSTRUCTION OR DATA | OPERATION CONTENTS |
| jpegcodec jpegstart jpegstatus next jpegcodec jpegstart jpegstatus next jpegcodec jpegstart jpegstatus next | LOAD R0, jpegcodec | READ ADDRESS DATA jpegcodecreg OF JPEG START-UP REGISTER |
| | LOAD R1, jpegstart | READ CONSTANT 0x00000100 TO BE WRITTEN IN JPEG START-UP REGISTER |
| | STORE R1, [R0] | WRITE CONSTANT 0x00000100 IN JPEG START-UP REGISTER jpegcodecreg |
| | JMP next | UNCONDITIONAL BRANCH TO ADDRESS "LOAD R0, jpegstatus" OF next |
| | jpegcodecreg 0x00000100 | ADDRESS DATA OF JPEG START-UP REGISTER DATA TO BE WRITTEN IN JPEG START-UP REGISTER |
| | jpegstatusreg LOAD R0, jpegstatus | ADDRESS DATA OF JPEG STATUS REGISTER |
| | LOAD R1, [R0] | READ ADDRESS DATA jpegstatusreg OF JPEG STATUS REGISTER |
| | | READ JPEG STATUS REGISTER (CONFIRM END) |
| | VALUE OUTPUT FROM JPEG ENCODER SECTION | JPEG START-UP REGISTER |
| | VALUE OUTPUT FROM JPEG ENCODER SECTION | JPEG STATUS REGISTER |

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FIG. 27

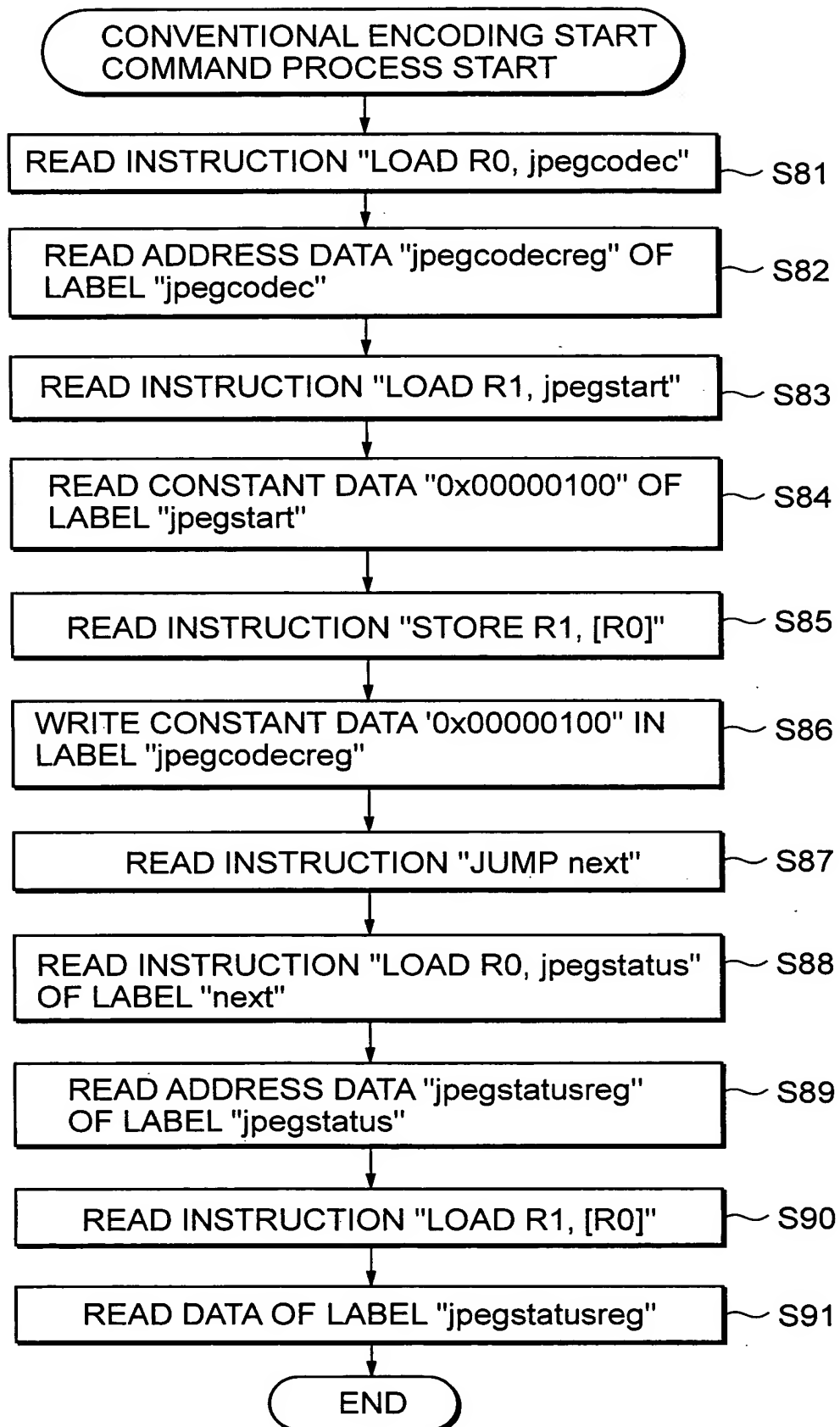


FIG. 28

